ABSTRACT

BICYCLIC BENZAMIDES OF 3- OR 4-SUBSTITUTED 4-(AMINOMETHYL)-PIPERIDINE DERIVATIVES

The present invention of compounds of formula (I)

$$\begin{array}{c|c} OR^4 & O & R^1 & R^2 \\ \hline & CH_2-N-C & & \\ & R^5 & & \\ \end{array} \\ NH_2 \qquad (I),$$

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a stereochemically isomeric form thereof, an N-oxide form thereof or a pharmaceutically acceptable acid addition salt thereof, R1 and R2 taken together form a bivalent radical of formula wherein in said bivalent radicals one or two hydrogen atoms may be substituted with C₁₋₆alkyl; R³ is hydrogen or halo; R⁴ is hydrogen or C₁₋₆alkyl; R⁵ is hydrogen or C₁₋₆alkyl; L is C₃₋₆cycloalkyl, C₅₋₆cycloalkanone, C₂₋₆alkenyl, or L is a radical of formula -Alk-R⁶-, Alk-X-R⁷, -Alk-Y-C(=O)-R⁹, or -Alk-Y-C(=O)-NR¹¹R¹² wherein each Alk is C₁₋₁₂alkanediyl; and R⁶ is hydrogen, cyano, C₁₋₆alkylsulfonylamino, C₃₋₆cycloalkyl, C₅₋₆cycloalkanone, or a heterocyclic ringsystem; R7 is hydrogen, C1-6alkyl, hydroxyC1-6alkyl, C3-6cycloalkyl, or a heterocyclic ringsystem; X is O, S, SO₂ or NR⁸; said R⁸ being hydrogen or C₁₋₆alkyl; R^9 is hydrogen, C_{1-6} alkyl, C_{3-6} cycloalkyl, C_{1-6} alkyloxy or hydroxy; Y is NR^{10} or a direct bond; said R^{10} being hydrogen, or $C_{1\text{-}6}$ alkyl; R^{11} and R^{12} each independently are hydrogen, C_{1-6} alkyl, C_{3-6} cycloalkyl, or R^{11} and R^{12} combined with the nitrogen atom may form an optionally substituted pyrrolidinyl, piperidinyl, piperazinyl or 4-morpholinyl ring. Processes for preparing said products, formulations comprising said products and their use as a medicine are disclosed, in particular for treating conditions which are related to impairment of gastric emptying.